XANTÉ®
ColourLaser™ 21 Series
Setup Guide

Installation Checklist:

Please cut this page out and use it as a guide when installing your printer.

1 Install the Printer

- ☐ Select a Location (see p. 3)
- ☐ Unpack (see p. 4)
- ☐ Check Components (see p. 5)
- ☐ Record the Serial No. (see p. 5)
- ☐ Remove Shipping Materials (see p. 6)
- ☐ Prepare Image Drums (see p. 6)
- ☐ Install Toner Cartridges (see p. 7)
- ☐ Load Print Media (see p. 8)
- ☐ Open the Straight-Through Exit (see p. 9)
- ☐ Connect to Power (see p. 9)
- ☐ Print the Demo Page (see p. 9)

2 Make the Computer Connection & Install the Software

Windows

- Network Install (see pp. 10-12)
- USB Install (see pp. 13-16)
- Parallel Install (see p. 17)

Macintosh

- Network Install (see pp. 18-19)
- USB Install (see pp. 20-21)

☐ **Complete**

3 Finish the Setup

- ☐ Set Color Balance (see p. 22)
- ☐ Check Media Settings (see pp. 23-26)
- ☐ Check the Printer Settings (see p. 27)
- ☐ Print a Sample File (see p. 28)
- ☐ Install the Handy Reference (see p. 28)

Congratulations!

This completes the installation of your XANTÉ ColourLaser 21 Printer. Now it's time to let your imagination run free and enjoy some colorful printing!

For more information, see the documents listed on the back of this checklist.

Documentation

Printed

Setup Guide

The document you're holding. Gets you up and running.

XANTÉ ColourLaser 21 Handy Reference Guide

For help with day-to-day operation, including:

- Loading Print Media
- Usable Print Media
- Walk-up Functions (Proof & Print, Secure Print, etc.)
- Operator Panel
- Clearing Paper Jams, etc.

Attaches to the printer with Velcro® fasteners.

Customer Safety & Certification Booklet

- Safety Information
- FCC/IC/CE
- Material Safety Data Sheets, etc.

On-Line

XANTÉ ColourLaser 21 Series User's Guide

The XANTÉ ColourLaser 21 Series User's Guide is located on the printer's driver CD, and includes information on:

- Print Media
- The Control Panel
- Printer Menus
- Using Print Features
- Proof & Print, Secure Print
- Problem Solving
- Maintenance
- Working with Color
- Specifications
- Service & Support, etc.

XANTÉ Network User's Guide

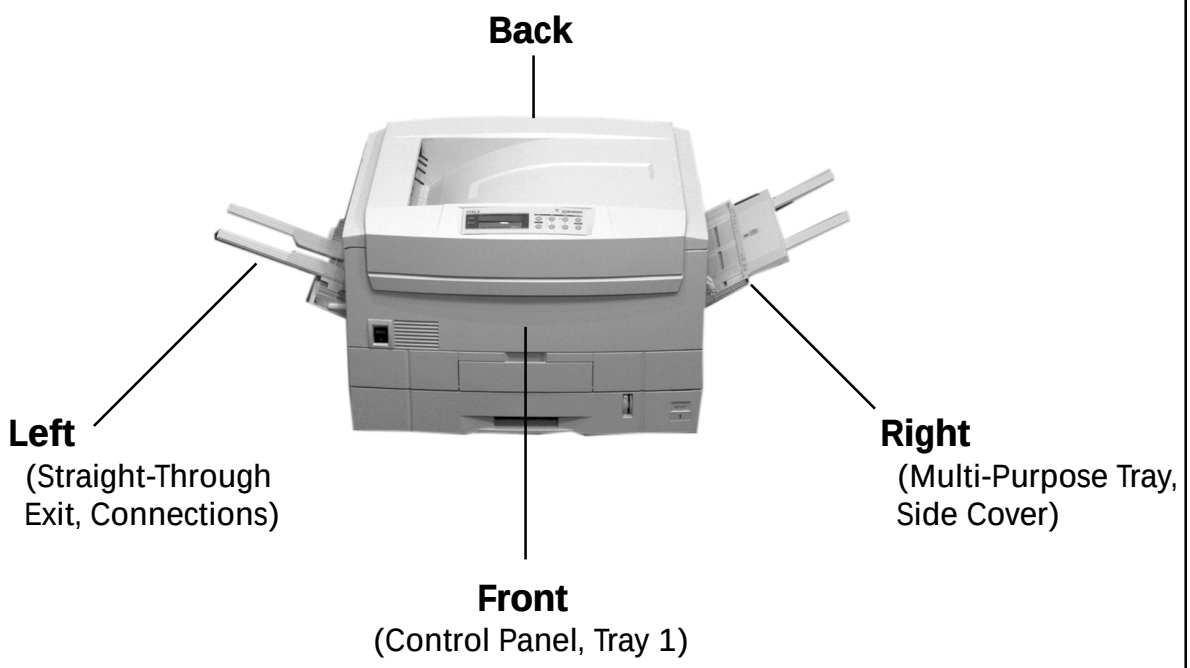
The Network User's Guide is also located on the printer's driver CD. It includes information on printer networking, including:

- Setting the Printer's IP Address
- Advanced Management Features
- Novell Netware
- TCP/IP, etc.

Installation

1 Select a location

For Orientation Purposes:



- Firm, level surface *capable of supporting at least 160 lbs (72 kg).*
- Clearance:
  - Left & Right: 24 inches (60 cm)
  - Front: 39½ inches (100 cm)
  - Back: 8 inches (20 cm)
  - Top: 27½ inches (70 cm)

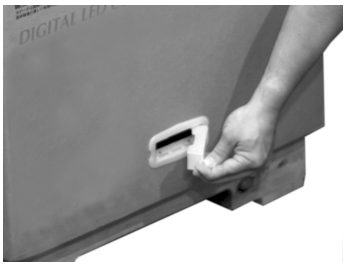
- Nearby power source
- Room temperature:
  – Ideal: 62.6 to 80.6°F (17 to 27°C):
  – Maximum Permissible: 50 to 89.6°F (10 to 32°C)
- Relative humidity:
  – Ideal: 50 to 70% RH
  – Maximum Permissible: 20 to 80% RH
- Away from direct sunlight

2 Unpack

Caution!

- *The printer weighs 160 pounds.*
- *Use more than one person to lift the printer.*
- *Use appropriate lifting techniques.*

It's a good idea to save all the packing materials in case you ever need to ship the printer.



Remove the hand holds.

Lift the shipping container off the printer.

Lift off the accessory tray and set it aside.

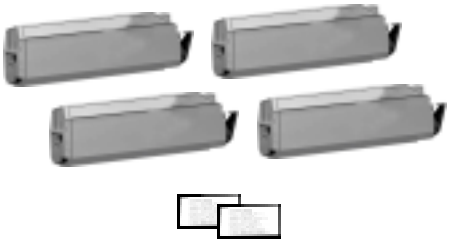
Remove the top shipping cushions.

Grasp the printer using the hand holds on the sides and back, and *carefully* remove it from the shipping tray.

Place the printer on a suitable support, then remove it from the plastic bag.

3 Check Components

Printer

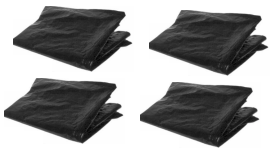


Cyan, Magenta, Yellow & Black Toner Cartridges with LED Lens Cleaners

CD(s)

With Drivers, Utilities & On-Line User's Guides

Power Cord



Light-Shield Bags
(Used to protect image drums from light when they are removed from printer.)

Documentation
(see page 2)**:**

Setup Guide

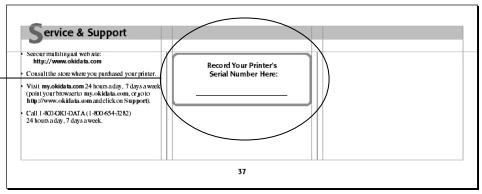
Handy Reference Guide

Customer Safety & Certification Booklet

4 Record the Serial Number

Before proceeding, locate the silver ratings plate on the back of the printer. Record the serial number you find there at the back of the Handy Reference Guide.

You'll need this number to register your printer and to take advantage of XANTÉ's technical support service.



www.xante.com

Web-based support* for the XANTÉ products you own: 24 hours a day, 7 days a week—no waiting!

Log on and check for

- Product News
- What's Changed?

You can

- Register your XANTÉ products
- Download or view manuals online
- Download drivers
- … and more!

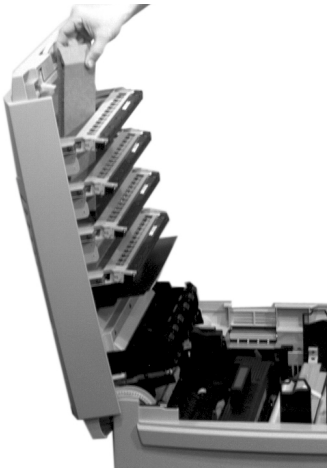
Just point your browser to **www.xante.com** and click on **Support**.

* English Only.

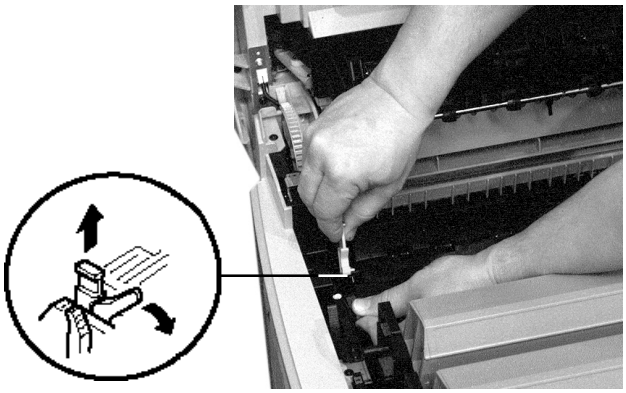
5 Remove the Shipping Materials

Remove any shipping tape and external packaging materials.

Pull up on the release latch and open the cover.

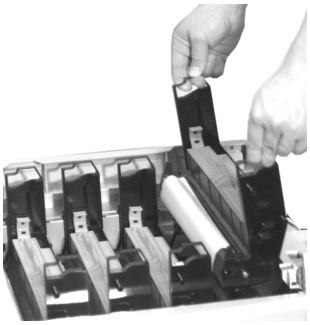


Remove (grasp, twist, lift) the cardboard shipping restraint from behind the LED heads.



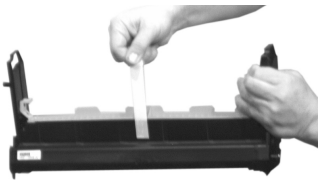
Pull the blue fuser roller lever to the right (away from the open cover) and remove the orange transport lock, then push the fuser roller lever to the left as far as it will go (toward the open cover).

6 Prepare the Image Drums

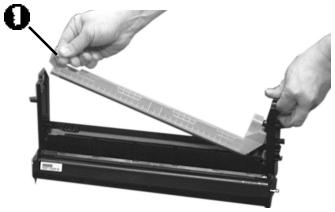


Lift out the black image drum (the one furthest to the right).

A

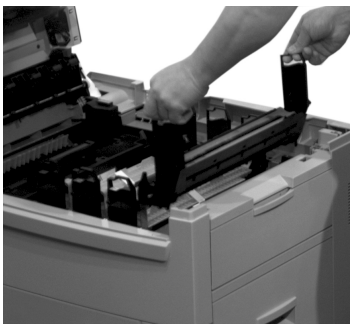


B



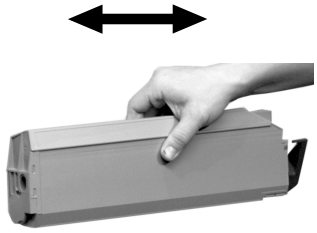
C

a. Remove the protective sheet.
b. Remove the tape.
c. Push the tab (**1**) in the direction of the arrow and remove the blanking plate.

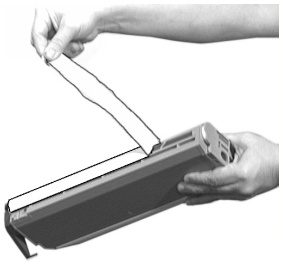


Place the drum back into the printer, then repeat this process for each of the three remaining drums.

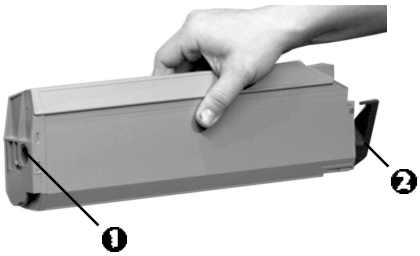
7 Install the Toner Cartridges



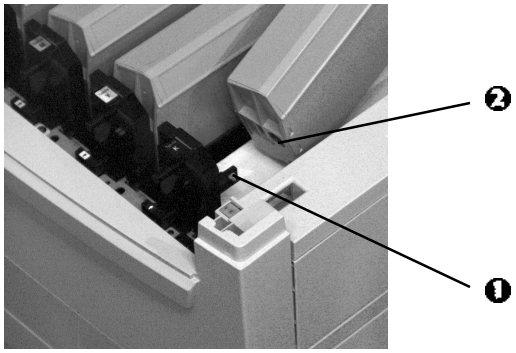
Unpack the black toner cartridge and shake it ***back and forth***.



Carefully remove the tape.

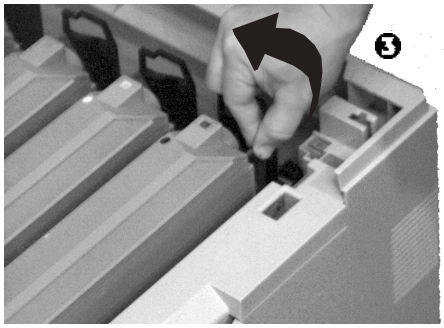


Port end (**1**).
Lock lever end (**2**).



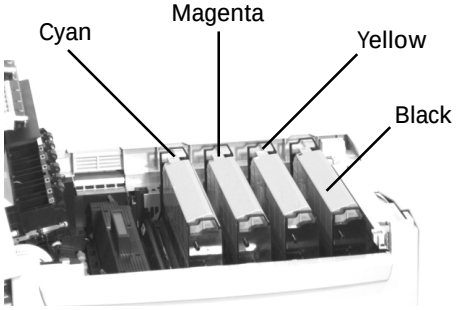
Lower the port end of the cartridge into the image drum ***closest to the right end of the printer***, so that the tube (**1**) on the drum slides into the port (**2**) on the toner cartridge.

Lightly press the cartridge against the image drum port, then lower the lock lever end, aligning the white tab with the groove in the drum.



Push the lock lever (**3**) to the left (toward the open printer cover) until it stops.

! *To avoid damage to the printheads, be sure to push the lock lever **as far as it will go**.*



Repeat the process for each toner cartridge, ***being careful to match the toner color to the drum color.***

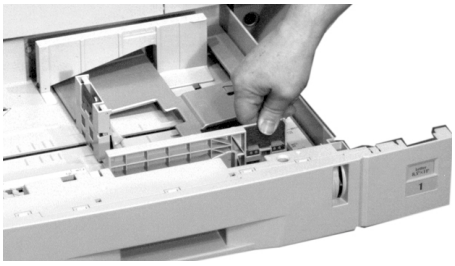
! *Before closing the cover, check to be sure all the toner cartridge lock levers (blue) are pushed back as far as they will go.*

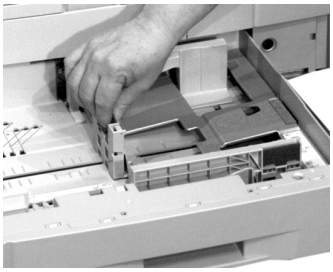
Close the cover.

8 Load Print Media

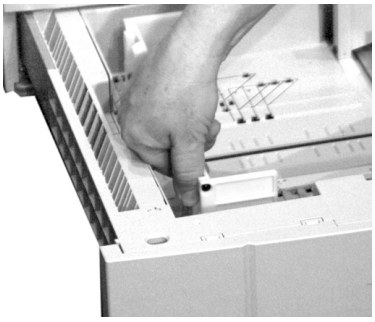
For information on usable print media, see the Handy Reference.

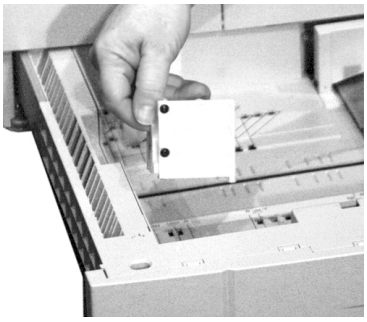
Pull the tray out of the printer.





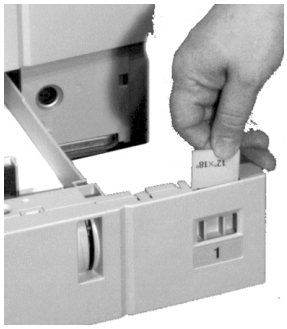
Slide the guides to fit the size media you are using.





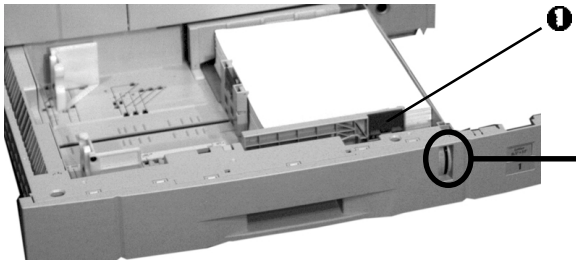
For legal size or larger print media, position the media supports:

a. Press the spring release
b. Slide and lift the support
c. Snap into the correct position (refer to the markings in the tray).



If necessary, lift out the media indicator and reinsert it with the proper media size showing.

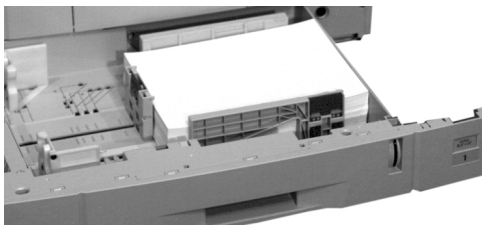
Fan the paper (max. 550 sheets 20-lb. paper).



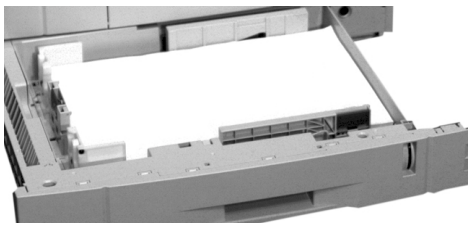
Media Gauge:
Indicates the amount of media left in the tray.

***Default*: 8½ x 11", long edge feed**

Load the print media (default is 8½ x 11", long edge feed) keeping it below the "PAPER FULL" mark (**1**), then push the tray back in gently.



***Option*: 8½ x 11", short edge feed**



***Option*: Tabloid (11 x 17")**

9 Open the Straight-Through Exit

Normally the printer feeds documents face down into the top exit tray. If you will be printing special media such as transparencies, thick paper or labels, open the straight-through exit path, then specify it in the driver when you are printing on special media (see “Selecting the Straight-Through Exit Path in the Driver” under *Exit Path*s in the on-line User’s Guide).

If you always want to use the straight-through exit, you can set it as the default (see *Changing the Default Exit Path* in the on-line User’s Guide).

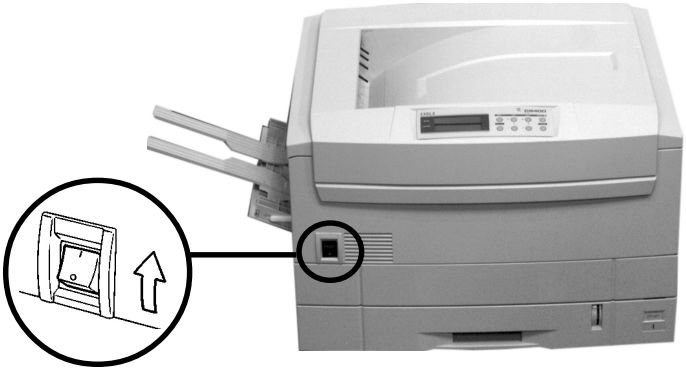
To open the straight-through exit, pull the tray down and pivot out the extenders.

10 Connect to Power

Attach the power cord to the left side of printer.

! *Be sure to use the cable supplied with the printer.*

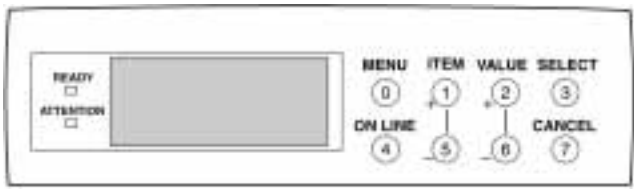
Connect to grounded power socket.



Turn the printer on and wait for it to warm up. *The display will read*

ONLINE .AUTO TRAY1

11 Print the Demo Page



Print out the Demo page:

a Press Menu repeatedly until INFORMATION MENU appears.

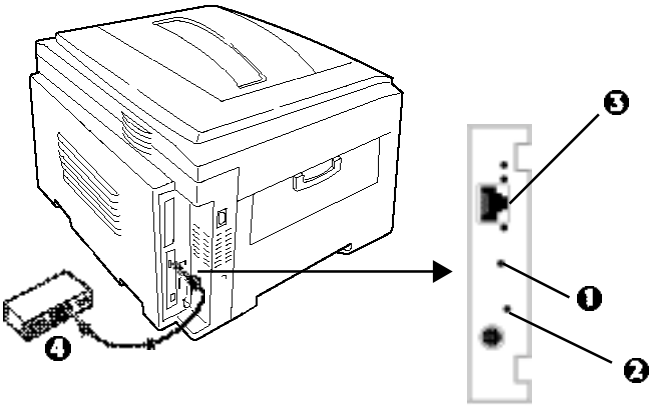
b Press ITEM - repeatedly until DEMO1 displays.

c Press Select.
The Demo page prints. The printer goes back on line.

12 Network Install: Windows®

Network Connection

! *No Ethernet® cable is supplied with the printer. Use an Ethernet cable with two twisted wire pairs and an RJ45 plug.*



❶ = Test Button

❷ = Status Light

Turn the printer off.

Connect your Ethernet cable to the network port on the print server (**3**).

Connect the other end of the Ethernet cable to the network port (**4**).

Turn the printer on and wait for the print server status light to stop blinking.

Press the Test button on the print server.
A Configuration Sheet prints. This sheet contains information you need to set up the printer on your network.

Setting Up the Network

Installing the Printer Drivers

The printer drivers are located on the CD supplied with the printer.

For Windows 2000:
\Drivers\Win2K\English\Pcldrv *and/or* \Psdrv

For Windows Me, 98, and 95:
\Drivers\Win9x\English\Pcldrv *and/or* \Psdrv

For Windows NT 4.0:
\Drivers\Nt40\English\Pcldrv *and/or* \Psdrv

Installing the Drivers on Client Computers

Clients with Windows 2000 & Windows NT 4.0: Push Installation

Copy the driver files from the XANTÉ ColourLaser 21 CD (\Drivers\Nt40 *or* Win2K\English\Pcldrv *or* Psdrv) to the network directory of your choice.

At the host computer, open **Network Neighborhood**, then double-click the client computer on which you wish to install the drivers.

Double-click the **Printers** folder, then click Add **Printer**.

Make sure **Print Server/[Computer Name]** is selected, then click **Next**.

Follow the **Add Printer Wizard** to add the drivers from the network directory where you installed them onto the selected client computer.

Click the driver to be installed, then click **Next**.

Click **Next** and follow the on-screen instructions to complete the installation.

Repeat the process for each client computer, then do a quick check of the client computers to be sure that the driver was installed.

To view the XANTÉ Network User's Guide once it is installed on your computer, click **Start → Programs → XANTÉ Network User Guide → Network User's Guide**.

12 Network Install: Windows (cont.)

Clients with Windows Me & Windows 98/95: Pull Installation

Copy the driver files from the XANTÉ ColourLaser 21 CD (\Drivers\Win9x\English\Pcldrv *or* Psdrv) to a shared network directory of your choice.

On the client computer, click **Start** → **Settings** → **Printer** → **Add Printer**.

Use the **Add Printer Wizard** to install the drivers from the network directory to the client computer.

Printing Directly from a Windows Workstation

! ***To use this feature, you must have an IP address established and the printer driver installed.***

To configure a Windows workstation to print directly to your networked XANTÉ printer:

Insert the XANTÉ ColourLaser 21 CD in the CD-ROM drive.

Click **Start** → **Run**, then browse to the main directory on the CD and double-click **install.exe**.

Click **OK**.

Click the **Direct Network Printing** button.

Follow the on-screen instructions to install ExtendNet Connect, then exit the Menu Installer.

Use ExtendNet Connect to create a new port.

Configure each client's printer driver(s) to the network port (see the on-line XANTÉ Network User's Guide).

Activating the Duplex Unit and Hard Drive in the Driver

If you have the XANTÉ ColourLaser 21D or the XANTÉ ColourLaser 21HC, you must activate the duplex unit and hard disk drive in the drivers before using them.

! *These procedures are also used when installing optional memory SIMMs, auxiliary paper trays and High Capacity Feeder. See "Accessories" in the on-line XANTÉ User's Guide.*

To activate the Duplex Unit and Hard Disk Drive in the PCL driver:

Click **Start** → **Settings** → **Printer**.

Right click the XANTÉ PCL printer icon, then click **Printing Preferences** (Windows 2000), **Properties** (Windows Me/98/95) or **Document Defaults** (Windows NT 4.0).

In the **Paper** tab, click **Device options**, then click **Duplex option unit** and **Printer hard disk**.

Click **OK** twice, then close the Printers dialog box.

To activate the Duplex Unit and Hard Disk Drive in the PostScript driver:

Click **Start** → **Settings** → **Printer**.

Right click the XANTÉ PostScript printer icon, then click **Properties**.

Windows 2000 and NT 4.0:

- Click the **Device Settings** tab.
- Scroll down to **Installable Options**.
- Click **Duplex**, then click **Installed** in the box below; do the same thing for **Hard Disk**.

Windows Me, 98 and 95:

- Click the **Device Options** tab.
- Click **Duplex**, then click **Installed** in the box below; do the same thing for **Hard Disk**.

Click **OK**, then close the Printers dialog box.

12 Network Install: Windows (cont.)

Installing the Network Software

To load the XANTÉ ExtendView 2000 software:

Insert the XANTÉ ColourLaser 21 CD in the CD-ROM drive.

Click **Start** → **Run**, then browse to the main directory on the CD and double-click **install.exe**.

Click **OK**.

Select the printer model, then click **Continue**.

Click the **Network and Admin Software** button.

Click the **ExtendView 2000** button.

Follow the on-screen instructions.

For more information on installing the software utilities and setting up the printer on various network systems, see the on-line XANTÉ Network User's Guide.

Accessing the On-Line XANTÉ Network User's Guide

Minimum requirements: i486™ processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.

You can either view the XANTÉ Network User's Guide directly from the printer CD or install it on your computer:

Insert the XANTÉ ColourLaser 21 CD in the CD-ROM drive.

Click **Start** → **Run**, then browse to the main directory on the CD and double-click **install.exe**.

Click **OK**.

Click the **Network and Admin Software** button.

Click the **Network Documentation** button.

Click your choice:

Install Network User's Guide
(follow the on-screen instructions.)

or

View Network User's Guide.

Viewing the Installed Network User's Guide

To view the XANTÉ Network User's Guide once it is installed on your computer, click **Start** → **Programs** → **XANTÉ Network User Guide** → **Network User's Guide**.

13 USB Install: Windows

Windows Drivers Supplied

The printer comes with two Windows drivers: Adobe PostScript and PCL. USB Drivers are supplied for the following systems:

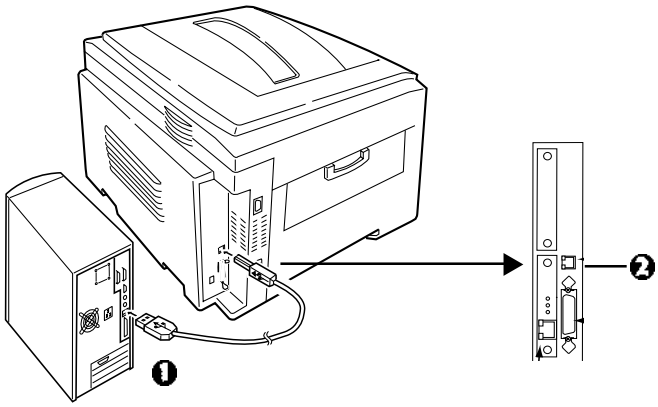
- Windows 2000 Professional
- Windows Me
- Windows 98

USB Port Connection

! *No USB interface cable is supplied with the printer. Use a USB cable that is compatible with USB specification 1.1.*

Notes:

- A USB interface will only operate using Windows 2000, Windows Me and Windows 98. It will not operate using MS-DOS, Windows 95, 3.1, or NT 4.0.
- Printer operation is not assured if another USB compatible device is connected concurrently with it.
- If a USB hub is used, it must be connected directly to the computer.



Turn the computer and the printer *off*.

Connect the USB cable to the USB port on the computer (**1**).

Connect the other end of the cable to the USB port on the printer (**2**).

13 USB Install: Windows (cont.)

USB Install: Windows 2000

▶ **Printer Drivers (Adobe PostScript, PCL)**

▶ **On-Line XANTÉ ColourLaser 21 Series User's Guide**

- Minimum requirements: i486 processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD (click the "View User's Guide" button in the Menu Installer dialog box).

▶ **Color Swatch Utility**

Provides a printout of color samples with RGB settings. Use the settings in application software to precisely match the sample color in printed files.

Install the Software

First, Install the PostScript Driver

Turn the computer on and wait for it to boot up.

Turn the printer on.

Insert the XANTÉ ColourLaser 21 CD into the CD-ROM drive.
*The printer is detected and the **Found New Hardware Wizard** window appears.*

Click **Next**.

Select **Search for a suitable driver for my device (recommended)**, then click **Next**.

Select **Specify a location** and clear the other choices, then click **Next**.

Click **Browse** and navigate to your CD-ROM drive. Browse to **\Drivers\Win2K\English\PSDRV** on the XANTÉ CD and click **Printer.inf**, then click **Open**.

Click **OK**.

Click **Next**.
*The **Digital Signature Not Found** window appears.*

Click **Yes**.

Follow the on-screen instructions to complete the installation.

Second, Install the PCL Driver and/or Additional Software

With the XANTÉ ColourLaser 21 CD in your CD-ROM drive, click **Start** → **Run**.

Browse to your CD-ROM drive and *double*-click **install.exe** in the root directory, then click **OK**.

Click the button beside **Printer Software** and follow the on-screen instructions.

! ***When the* Port Selection *window appears, leave LPT1 selected, then click Next.***

Exit the Menu Installer.

Third, If You Installed the PCL Driver

If you installed the PCL driver, you need to associate it with the USB port. To do this:

Click **Start** → **Settings** → **Printers**.

Right click the **Xante ColourLaser 21 PCL** driver icon, then select **Properties**.

On the **Ports** tab, select **USB ... Xante ColourLaser 21** port, then click **OK**.

Close the **Printers** window.

Using the Installed Software

To View the Printer User's Guide

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **ColourLaser 21 User's Guide**.

To Open the Color Swatch Utility

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **Color Swatch Utility**. (For more information on the Color Swatch Utility, see the on-line XANTÉ ColourLaser 21 Series User's Guide.)

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

See page 11 for instructions on how to do this.

13 USB Install: Windows (cont.)

USB Install: Windows Me

▶ **Printer Drivers (Adobe PostScript, PCL)**

▶ **On-Line XANTÉ ColourLaser 21 Series User's Guide**

- Minimum requirements: i486 processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD (click the "View User's Guide" button in the Menu Installer dialog box).

▶ **Color Swatch Utility**

Provides a printout of color samples with RGB settings. Use the settings in application software to precisely match the sample color in printed files.

Install the Software

First, Install the USB Port and PostScript Driver

Turn the computer on and wait for it to boot up.

Turn the printer on.
*The **Add New Hardware Wizard** for USB Device window appears.*

Insert the XANTÉ ColourLaser 21 CD into the CD-ROM drive, then click **Next**.

Select **Automatic search for a better driver (Recommended)**, then click **Next**.

Make sure **XANTÉ USB Driver** is selected, then click **OK** and follow the on-screen instructions to finish the USB port installation.
*The printer is detected and the **Add New Hardware Wizard** for XANTÉ ColourLaser 21 appears.*

Select **Specify the location of the driver (Advanced)**, then click **Next**.

Make sure **Search for the best driver for your device (Recommended)** is selected, then clear **Removable Media** and click **Specify a location**.

Click **Browse** and navigate to your CD-ROM drive. Browse to **\Drivers\Win9x\English\Psdrv** on the XANTÉ CD, then click **OK**.

Click **Next** and complete the installation following the on-screen instructions.

Second, Install the PCL Driver and/or Additional Software

With the XANTÉ ColourLaser 21 CD in your CD-ROM drive, click **Start** → **Run**.

Browse to your CD-ROM drive and *double*-click **install.exe** in the root directory, then click **OK**.

Click the button beside **Printer Software** and follow the on-screen instructions.

! ***When the* Port Selection *window appears, leave LPT1 selected, then click Next.***

Exit the Menu Installer.

Third, If You Installed the PCL Driver

If you installed the PCL driver, you need to associate it with the USB port. To do this:

Click **Start** → **Settings** → **Printers**.

Right click the **Xante ColourLaser 21 PCL** driver icon, then select **Properties**.

On the **Details** tab, select **XECUSB1 (ColourLaser 21)** in the **Print to the following port** drop down list.

Click **Apply**.

Click **OK**.

Close the **Printers** window.

Using the Installed Software

To View the Printer User's Guide

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **ColourLaser 21 User's Guide**.

To Open the Color Swatch Utility

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **Color Swatch Utility**. (For more information on the Color Swatch Utility, see the on-line XANTÉ ColourLaser 21 Series User's Guide.)

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

See page 11 for instructions on how to do this.

13 USB Install: Windows (cont.)

USB Install: Windows 98

▶ **Printer Drivers (Adobe PostScript, PCL)**

▶ **On-Line XANTÉ ColourLaser 21 Series User's Guide**

- Minimum requirements: i486 processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD (click the "View User's Guide" button in the Menu Installer dialog box).

▶ **Color Swatch Utility**

Provides a printout of color samples with RGB settings. Use the settings in application software to precisely match the sample color in printed files.

Install the Software

First, Install the USB Port & PostScript Driver

Turn the computer on and wait for it to boot up.

Turn the printer on.
*The **Add New Hardware Wizard** for USB Device window appears.*

Insert the XANTÉ ColourLaser 21 CD into the CD-ROM drive, then click **Next**.

Select **Search for the best driver for your device (Recommended)**, then click **Next**.

Select **CD-ROM drive**, then clear the other devices and click **Next**.

When **XANTÉ USB Driver** appears, click **Next.**
The USB port information is copied to the system.

When the USB port install is complete, click **Finish**.
*The printer is detected and the **Add New Hardware Wizard** for XANTÉ ColourLaser 21 appears.*

Click **Next**.

Make sure **Search for the best driver for your device (Recommended)** is selected, then click **Next**.

Click **Specify a location**, making sure other choices are cleared.

Click **Browse** and navigate to your CD-ROM drive. Browse to **\Drivers\Win9x\English\Psdrv** on the XANTÉ CD, then click **OK**.

Click **Next** and complete the installation following the on-screen instructions.

Second, Install the PCL Driver and/or Additional Software

With the XANTÉ ColourLaser 21 CD in your CD-ROM drive, click **Start** → **Run**.

Browse to your CD-ROM drive and *double*-click **install.exe** in the root directory, then click **OK**.

Click the button beside **Printer Software** and follow the on-screen instructions.

! ***When the* Port Selection *window appears, leave LPT1 selected, then click Next.***

Exit the Menu Installer.

Third, If You Installed the PCL Driver

If you installed the PCL driver, you need to associate it with the USB port. To do this:

Click **Start** → **Settings** → **Printers**.

Right click the **Xante ColourLaser 21 PCL** driver icon, then select **Properties**.

On the **Details** tab, select **XECUSB1 (ColourLaser 21)** in the **Print to the following port** drop down list.

Click **Apply**.

Click **OK**.

Close the **Printers** window.

Using the Installed Software

To View the Printer User's Guide

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **ColourLaser 21 User's Guide**.

To Open the Color Swatch Utility

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **Color Swatch Utility**. (For more information on the Color Swatch Utility, see the on-line XANTÉ ColourLaser 21 Series User's Guide.)

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

See page 11 for instructions on how to do this.

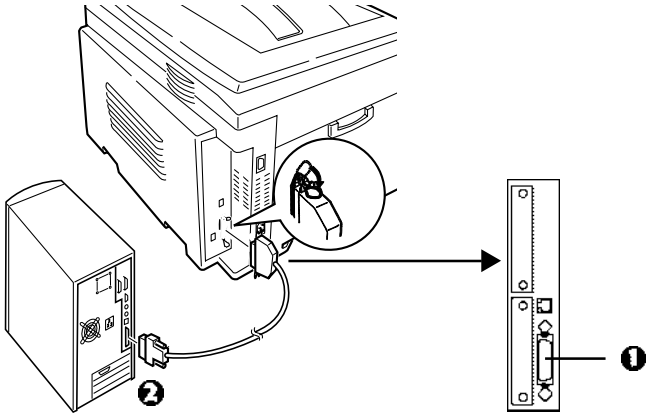
14 Parallel Install: Windows

Drivers Supplied

The printer comes with two drivers: Adobe PostScript and PCL. Both are supplied for the following systems:

- Windows 2000 Professional
- Windows Me, 98, 95
- Windows NT 4.0

Parallel Port Connection



Turn off both the computer and the printer.

Attach a standard IEEE-1284 parallel cable (not supplied) to the parallel port on the printer (**1**), securing it with the spring clips.

Attach the other end to the parallel port on the computer (**2**) and secure it in place with the screws.

Parallel: Install the Software

▶ Printer Drivers (Adobe PostScript, PCL)

▶ On-Line XANTÉ ColourLaser 21 Series User's Guide

- Minimum requirements: i486 processor, 16 MB RAM, Microsoft Internet Explorer 4.0 or higher.
- Can also be viewed directly from the CD (click the "View User's Guide" button in the Menu Installer dialog box).

▶ Color Swatch Utility

Provides a printout of color samples with RGB settings. Use the settings in application software to precisely match the sample color in print.

To Install the Software

Turn the computer on and wait for it to boot up.

Make sure that all software applications are closed.

Turn the printer on.

With the XANTÉ ColourLaser 21 CD in your CD-ROM drive, click **Start** → **Run**.

Browse to your CD-ROM drive and double-click **install.exe** in the root directory, then click **OK**.

! For Windows 2000, the PostScript driver must be installed through the Add Printer wizard (Start → Settings → Printers → Add Printer; follow instructions; when appropriate, click Have Disk and browse to \Drivers\Win2K\English\Psdrv\ on the CD, selecting the inf file in that folder; at "Digital Signature not Found," click Yes.)

Click the button beside **Printer Software** and follow the on-screen instructions.

Exit the Menu Installer.

To View the User's Guide

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **ColourLaser 21 User's Guide**.

To Open the Color Swatch Utility

Click **Start** → **Programs** → **XANTÉ ColourLaser 21 Series** → **Color Swatch Utility**. (For more information on the color utilities, see the on-line XANTÉ ColourLaser 21 Series User's Guide).

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

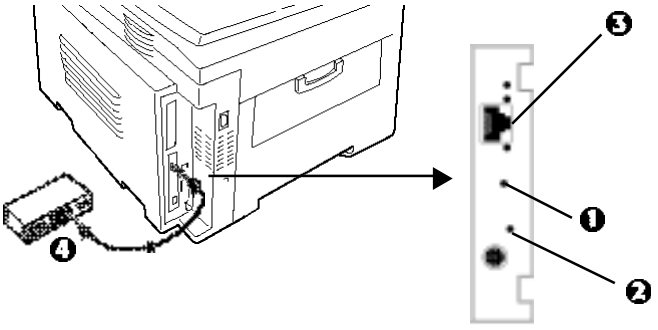
See page 11 for instructions on how to do this.

15 Network Install: Macintosh®

Network Connection

! *Requires Mac® OS 7.x or above, running on a Macintosh computer with EtherTalk interface.*

The Ethernet cable is not supplied with the printer. Use an Ethernet cable with RJ45 connectors at either end. If the printer will be connected directly into a network port, a crossover-type cable is required.



❶ = Test Button

❷ = Status Light

Turn the printer off.

Connect your Ethernet cable to the network port on the print server (**3**).

Connect the other end of the Ethernet cable to the network port (**4**).

Turn the printer on and wait for the print server status light to stop blinking.

! *For more information on the Print Server, see the on-line Network User's Guide.*

Network: Install the Driver & Software Utilities

! *Be sure to switch off antivirus software before installing a printer driver.*

Turn the printer on, then turn the computer on.

Place the CD supplied with the printer in the CD-ROM drive, then double-click the CD icon that appears on the desktop.

Open the **MAC** folder, then the **PSDrv** folder, then the **ENGLISH** folder.

Double-click the **XANTÉ PSInstaller** icon, then click **Continue**.

If you wish to install only the driver, click **Install**.

If you wish to install the driver and the utilities, select **Custom Install** from the drop-down box, then select the items you wish to install (**XANTÉ Colourlaser 21**, **XANTÉ Swatch Utility** [see page 11 for more information] and/or **Fonts Downloader**), and click **Install**.

When the installation is complete, click **Quit**.

Network: Create the PPD

Activate **Chooser** from the **Apple** menu, then select the **LaserWriter® 8** icon and highlight the XANTÉ printer model you have.

Click **Create**, then click **Select PPD**.

Highlight the PPD for the printer model you have installed, then click **Select**.

Close **Chooser**.

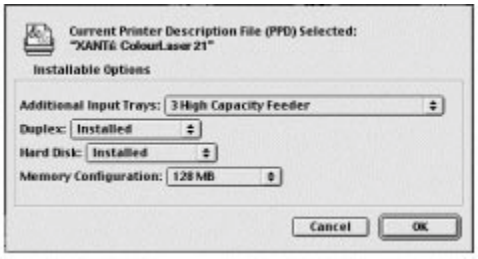
15 Network Install: Macintosh (cont.)

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

If you have the XANTÉ ColourLaser 21D or the XANTÉ ColourLaser 21HC, you must activate the duplex unit and hard disk drive in the drivers before using them.

! *These procedures are also used when installing optional memory SIMMs, auxiliary paper trays and High Capacity Feeder. See "Accessories" in the on-line XANTÉ ColourLaser 21 Series User's Guide.*

1. Activate **Chooser** from the **Apple** menu.
2. Select **LaserWriter 8**.
3. Click **Printer** → **Setup**.
4. Click **Configure**.



5. Change the **Duplex** setting to **Installed**.
6. Change the **Hard Disk** setting to **Installed**.
7. Click **OK** twice.
8. Close **Chooser**.

Network: On-Line Manuals

Requirements

- Microsoft Internet Explorer version 5.0 or higher

To Load the Manuals

! *In order to open the on-line manuals, you must have your Macintosh set to run .htm extension files under your browser.*

Create folders in which to store the XANTÉ ColourLaser 21 Series User's Guide and the Network User's Guide.

Place the CD supplied with your printer in your CD-ROM drive.

Copy the files from the CD folder Manuals\UserGuid\Html\English to the folder you created for the XANTÉ ColourLaser 21 Series User's Guide.

Copy the files from the CD folder Manuals\Network\Html\English to the folder you created for the Network User's Guide.

! *For the latest information, double-click the ReadmeMac.htm file in the Readme folder on the CD supplied with your printer.*

To View the Manuals

To view the on-line manuals, go to the folder where you stored the manual, then double-click the **start_e.htm** file.

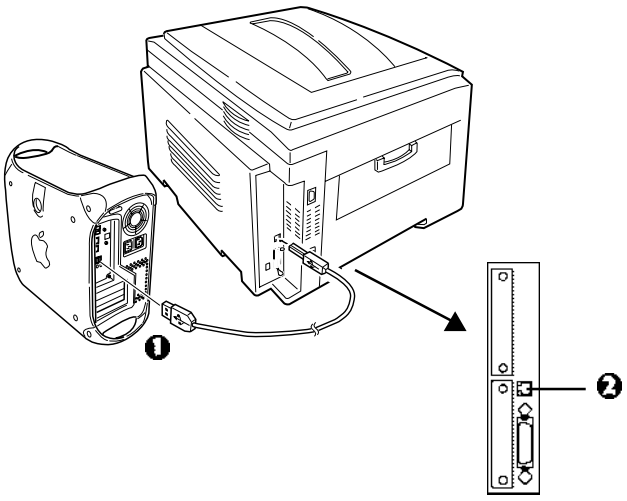
16 USB Install: Macintosh

USB Port Connection

! *No USB interface cable is supplied with the printer. Use a USB cable that is compatible with USB specification 1.1.*

Notes:

- Requires Mac OS 9.04 or higher
- Printer operation is not assured if another USB compatible device is connected concurrently with it.
- If a USB hub is used, it must be connected directly to the computer.
- Depending on the size of the document, if the memory setting for the print monitor is low, you may not be able to print in the background. To correct for this, increase the memory setting for the print monitor.
- Depending on the model you have, you may need to install updates to the operating system in order to use USB, e.g., iMac Update 1.0, iMac Update 1.1, iMac Firmware Update, etc. For further information, contact Apple Computers.



Turn the computer and the printer off.

Connect the USB cable to the USB port on the computer (**1**).

Connect the other end of the cable to the USB port on the printer (**2**).

USB: Install the Driver & Software Utilities

! *Be sure to switch off antivirus software before installing a printer driver.*

Turn the printer on, then turn the computer on.

Place the CD supplied with the printer in the CD-ROM drive, then double-click the CD icon that appears on the desktop.

Open the **MAC** folder, then the **PSDrv** folder, then the **ENGLISH** folder.

Double-click the **XANTÉ PSInstaller** icon, then click **Continue**.

If you wish to install only the driver, click **Install**.

If you wish to install the driver and the utilities, select **Custom Install** from the drop-down box, then select the items you wish to install (**XANTÉ Colourlaser 21**, **XANTÉ Swatch Utility** [see page 11 for more information] and/or **Fonts Downloader**), and click **Install**.

When the installation is complete, click **Quit**.

USB: Create the Desktop Printer

Double-click the **Apple Extras** folder on your local hard drive, then double-click the **Apple LaserWriter Software** folder.

Double-click the **Desktop Printer Utility** icon.

Highlight **Printer (USB)** under **Create Desktop**.

In the drop-down box, select **LaserWriter 8** and click **OK**.

Under **PostScript Printer Description (PPD) file**, click **Change**.

Make sure the “Printer Descriptions” folder is selected in the drop-down box.

Highlight your XANTÉ printer model, then click **Select**.

Under **USB Printer Selection**, click **Change**.

Highlight your XANTÉ printer model, then click **OK**.

Click **Create**.
The XANTÉ printer icon appears on the desktop.

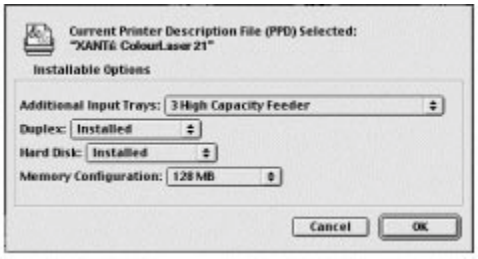
16 USB Install: Macintosh (cont.)

Activate the Duplex Unit and Internal Hard Drive in the Printer Driver

If you have the XANTÉ ColourLaser 21D or the XANTÉ ColourLaser 21HC, you must activate the duplex unit and hard disk drive in the drivers before using them.

! *These procedures are also used when installing optional memory SIMMs, auxiliary paper trays and High Capacity Feeder. See "Accessories" in the on-line XANTÉ ColourLaser 21 Series User's Guide.*

1. Activate **Chooser** from the **Apple** menu.
2. Select **LaserWriter 8**.
3. Click **Printer** → **Setup**.
4. Click **Configure**.



5. Change the **Duplex** setting to **Installed**.
6. Change the **Hard Disk** setting to **Installed**.
7. Click **OK** twice.
8. Close **Chooser**.

USB: On-Line Manuals

Requirements

- Microsoft Internet Explorer version 5.0 or higher

To Load the Manuals

! *In order to open the on-line manuals, you must have your Macintosh set to run .htm extension files under your browser.*

Create folders in which to store the XANTÉ ColourLaser 21 Series User's Guide and the Network User's Guide.

Place the CD supplied with your printer in your CD-ROM drive.

Copy the files from the CD folder Manuals\UserGuid\Html\English to the folder you created for the XANTÉ ColourLaser 21 Series User's Guide.

Copy the files from the CD folder Manuals\Network\Html\English to the folder you created for the Network Print Server User's Guide.

! *For the latest information, double-click the ReadmeMac.htm file in the Readme folder on the CD supplied with your printer.*

To View the Manuals

To view the on-line manuals, go to the folder where you stored the manual, then double-click the **start_e.htm** file.

17 Set the Color Balance

Why Set the Color Balance?

Setting the color balance after shipment ensures that the three primary colors your printer uses are properly balanced. If they are not balanced, one color may dominate, and printed pictures will not be as lifelike as they could be.

The color balance should be set

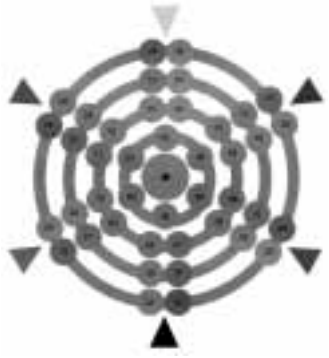
- when the printer is installed
- any time the print quality seems to have deteriorated
- when image drums are replaced
- if you switch to a significantly different print media (e.g., from white to media of various colors)
- if the printer is moved to a new location

Setting the Color Balance

1. Press MENU repeatedly until COLOR MENU displays.
2. Press ITEM + repeatedly until

COLOR BALANCE ADJUST
RESET TO DEFAULT

   displays.
3. Press SELECT. This restores the factory color balance settings, which form a baseline for the adjustment.
   The Color Balance test pattern prints.



4. Check the color of the center circle in the printout against the surrounding circles:
   - If the center circle matches the circles labeled 00, the color balance is correctly adjusted and you're done. Press ON LINE (the printer will go back on line)
   - If the center circle does *not* match circle 00, determine which surrounding circle most closely matches the center circle and note its number.
5. Press VALUE (+ to increase # or - to decrease #) repeatedly until

COLOR BALANCE ADJUST
SELECT PATTERN #

   displays, where # represents the number determined in step 4.
6. Press SELECT.
   The new value is engaged; a new test pattern prints.
7. Check the pattern again and repeat steps 4 through 6 until the color of the center circle most closely matches the circles labeled 00.

   ! ***The color balance process is subjective. It is unlikely that you will get an exact match of the center circle to the circles labeled 00. Repeat the color balance process until you feel you have a match, but no more than four times before pressing ON LINE to exit the color balance process.***
8. Press ON LINE.
   The printer goes back on line.

18 Check the Media Settings

Default Media Settings

The default printer setting for print media is Medium (20 to 24 lb.).

Individual Print Jobs

If you are using special media for an individual print job, make the temporary media setting changes in the driver as you print the job from your application.

Printer Defaults

If you consistently use another type of media in Tray 1 or the Multi-Purpose (MP) Tray, change the media settings in the printer *menu* (see page 26). If you do not, the print quality will be reduced and *you could damage the printer*.

Media Weight Settings

Setting	Media Weight		
	US Bond	Metric	Index
Light	16 lb.	62 g/m^2	33 lb.
Medium Light	17-19 lb.	63-73 g/m^2	34-40 lb.
Medium*	20-24 lb.	74-92 g/m^2	42-50 lb.
Medium Heavy	25-27 lb.	93-103 g/m^2	51-56 lb.
Heavy	28-32 lb.	104-122 g/m^2	58-67 lb.
Ultra Heavy	33-54 lb.	123-200 g/m^2	67-110 lb.

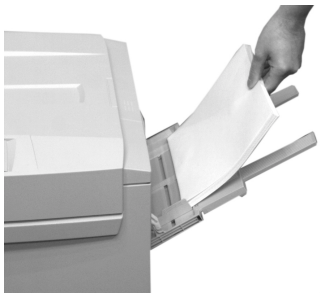
Print Paths

Input

Tray 1

Tray 1 (**1**) is used for paper, range 17 to 47 lb. US Bond (63 to 174 g/m^2), and transparencies.

Multi-Purpose Tray (MP Tray)—for Special Media



! ***Print media must be able to withstand 392°F (200°C) for 0.1 second.***

The Multi-Purpose Tray is used for special media such as labels and card stock up to 110 lb. Index (54 lb. US Bond). It can also be used for letterhead stationery, transparencies, light paper and plain paper.

Output

Top Exit (Default)

The top exit (**1**) is used for plain paper and letterhead fed in from Tray 1. Sheets feed in face down.

Straight-Through Exit—Required for Special Media

! *Always use the straight-through exit when feeding media in from the Multi-Purpose Tray or when printing transparencies.*

The straight-through exit on the left side of the printer provides a curl-free print path. Sheets feed in face *up* (set your print job for reverse page order to get multi-page print jobs to stack in normal page sequence).

! *To print a particular job using the straight-through exit path, click **Properties** from the **Print** dialog box, then select **Stacker (Face-Up)** for the **Output Bin** in the driver.*

18 Check the Media Settings (cont.)

> ! *For information on usable print media, see the Handy Reference Guide.*

Printing Transparencies

Caution! Use only recommended transparencies: 3M® CG3720 or Folex® BG67.

Print Path

- *Input:* Tray1 or Multi-Purpose (MP) Tray
- *Output:* Rear Exit Only [Stacker (Face-up)]

Transparencies can be loaded in either Tray 1 or the Multi-Purpose Tray. The printer automatically detects that transparencies are being used and processes the media differently from standard paper.

Individual Print Jobs

To optimize the print speed for individual multi-page print jobs, make the following settings in the printer *driver* as you print the job (File → Print → Properties [or your application's equivalent]):

- *Source:* Tray1 or MP Tray
- *Size:* Letter or Tabloid
- *Type:* Transparency
- *Output bin:* Stacker (Face-up)

Changing the Default Settings

If the MP Tray or Tray 1 is always loaded with Transparencies, you should enter the printer menu (see page 26) and change the settings for the paper path you are using for the transparencies as indicated below. This will provide the best printer performance.

Printer Menu Settings: Transparencies in Tray 1

- *Tray1 MediaType:* Transparency

Printer Menu Settings: Transparencies in MP Tray

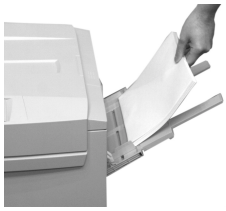
- *MP Tray PaperSize:* Letter or Tabloid
- *MP Tray MediaType:* Transparency

Printing Labels

Caution!

- ***Labels must be able to withstand 392°F (200°C) for 0.1 second***
- ***Labels must cover entire carrier sheet***

Print Path



- *Input:* Multi-Purpose (MP) Tray Only

- *Output:* Rear Exit Only [Stacker (Face-up)]

Individual Print Jobs

For individual print jobs on labels, change the settings in the driver as you print the job (File → Print → Properties [or your application's equivalent]):

- *Source:* MP Tray
- *Size:* Letter
- *Type:* LABEL1 (Heavy) or LABEL2 (Ultra Heavy)
- *Output bin:* Stacker (Face-up)

Changing the Default Settings

If you consistently use labels in the MP Tray, enter the printer menu (see page 26) and change the settings as indicated below.

Printer Menu Settings: Labels in MP Tray

- *MP Tray PaperSize:* Letter
- *MP Tray MediaWeight:* Heavy (LABEL1) or Ultra Heavy (LABEL2)

18 Check the Media Settings (cont.)

Printing Thick Paper (Card Stock, Index Paper)

! *The maximum usable paper weight for duplex printing is 28 lb.*

! ***Failure to change the printer's media settings before printing on thick paper will damage the printer.***

Print Path

- *Input:* Tray1 (up to 27 lb US Bond) or Multi-Purpose (MP) Tray (up to 110 lb Index)
- *Output:* Rear Exit Only

Individual Print Jobs

For individual print jobs on thick paper, change the settings in the driver as you print the job (File → Print → Properties [or Settings, or your application's equivalent]):

- *Source:* Tray1 (up to 27 lb) or Multi-Purpose Tray (up to 110 lb)
- *Size:* Letter Short Edge, Letter Long Edge, Legal-13, Legal-14, Legal-13.5, Tabloid, Tabloid Extra, Executive, A3, A4 Short Edge, A4 Long Edge, A5, A6, B4, B5 Short Edge, B5 Long Edge, or Custom (must be defined and saved in driver)
- *Type:* Medium Heavy to Ultra Heavy (see table on page 23)

Changing the Default Settings

If you consistently use thick paper in Tray 1 or the MP Tray, enter the printer menu (see page 26) and change the settings for the paper path you are using for the thick paper as indicated below.

Printer Menu Settings: Thick Paper in Tray 1

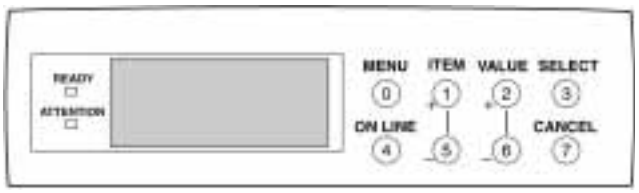
- *Tray 1 MediaWeight:* Medium Heavy to Ultra Heavy (see table on page 23)

Printer Menu Settings: Thick Paper in MP Tray

- *MP Tray Paper Size:* Letter Short Edge, Letter Long Edge, Legal-13, Legal-14, Legal-13.5, Tabloid, Tabloid Extra, Executive, A3, A4 Short Edge, A4 Long Edge, A5, A6, B4, B5 Short Edge, B5 Long Edge, or Custom (must be defined and saved in driver)
- *MP Tray MediaWeight:* Medium Heavy

18 Check the Media Settings (cont.)

Changing Media Settings for Tray1 in the Printer Menu



Transparencies Only: Set Media Type

Press MENU repeatedly until MEDIA MENU appears on the display.

Press ITEM repeatedly until TRAY1 MEDIATYPE appears on the display.

Press VALUE (+ or -) repeatedly until TRANSPARENCY appears on the second line of the display.

Press SELECT to engage the new setting.
An Asterisk (*) appears next to the new setting.

Press ON LINE to save the setting and exit the menu.

Other Special Media: Set Media Weight (Not used for Transparencies)

Press MENU repeatedly until MEDIA MENU appears on the display.

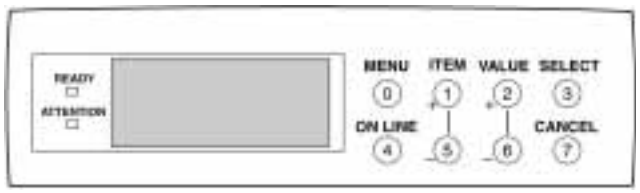
Press ITEM repeatedly until TRAY1 MEDIAWEIGHT appears on the display.

Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.

Press SELECT to engage the new setting.
An Asterisk (*) appears next to the new setting.

Press ON LINE to save the setting and exit the menu.

Changing Media Settings for MP Tray in the Printer Menu



First, Set Media Size

Press MENU repeatedly until MEDIA MENU appears on the display.

Press ITEM repeatedly until MP TRAY PAPERSIZE appears on the display.

Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.

Press SELECT to engage the new setting.
An Asterisk (*) appears next to the new setting.

Next, Set Media Type or Weight:

Transparencies Only: Set Media Type

Press ITEM repeatedly until MP TRAY MEDIATYPE appears on the display.

Press VALUE (+ or -) repeatedly until TRANSPARENCY appears on the second line of the display.

Press SELECT to engage the new setting.
An Asterisk (*) appears next to the new setting.

Other Special Media: Set Media Weight (Not used for Transparencies)

Press ITEM repeatedly until MP TRAY MEDIAWEIGHT appears on the display.

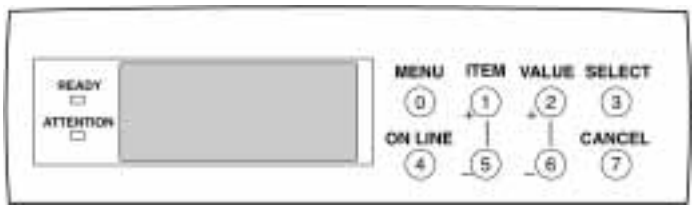
Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.

Press SELECT to engage the new setting.
An Asterisk (*) appears next to the new setting.

Finish by Saving the Settings

Press ON LINE to save the setting and exit the menu.

19 Check the Printer Settings



Power Save Mode

The printer is set at the factory to enter the Power Save mode after 1 hour. You can change this setting to 5, 15, 30 or 240 minutes.

To change the interval:

Press MENU repeatedly until SYSTEM CONFIG MENU appears on the display.

Press ITEM + repeatedly until POWER SAVE DELAY TIME appears on the display.

Press VALUE (+ or -) repeatedly until the desired setting appears on the second line of the display.

Press SELECT.
An Asterisk (*) appears next to the new setting.

Press ON LINE to save the setting and exit the menu.

Duplex Mode

! *If you experience curling when printing a file in duplex mode, switch to 28-lb. US Bond paper.*

If your printer is equipped with a duplex unit and you want duplex printing to be the printer default:

Press MENU repeatedly until PRINT MENU appears on the display.

Press ITEM + repeatedly until DUPLEX appears on the display.

Press VALUE +.
ON will appear on the second line of the display.

Press SELECT.
An Asterisk (*) appears next ON.

Press ON LINE to save the setting and exit the menu.

Printer Emulation

The printer is set at the factory to automatically detect the emulation of an incoming print job. To change it to always be PCL or Adobe PostScript, see “Setting the Emulation” under Control Panel, Walk-up Functions in the on-line XANTÉ ColourLaser 21 Series User’s Guide.

Display Language

If you wish to choose a display language other than English, see “Setting the Control Panel Display Language” under Control Panel, Walk-up Functions in the on-line XANTÉ ColourLaser 21 Series User’s Guide.

20 Print a Sample File

Open a file in your software application.

Click **File** → **Print**.

In the **Print** dialog box, select the appropriate XANTÉ ColourLaser 21 printer driver, then click **OK**.

21 Install the Handy Reference Guide

Remove the backing from the Velcro® strip on the back of the Handy Reference Guide and apply it to the front or left side of the printer:

Front Location

Left Side Location

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